

DENON

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SERVICE MANUAL

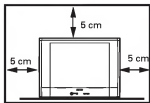
FULLY AUTOMATIC
DIRECT DRIVE TURNTABLE SYSTEM

MODEL DP-51F/52F SERIES

U.S. and Canadian models of this product carry the

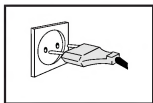


NIPPON COLUMBIA CO. LTD.



Positioning of the TV set

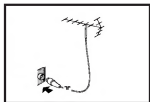
- Place TV set on a solid base (e.g. a TV/Video cabinet)
- Leave at least 5 cm around each side of TV set for ventilation to avoid over-heating.
- Do not place TV set near a radiator or other sources of heat.
- Do not place TV set where it can be exposed to rain or excessive moisture.



Mains Connection

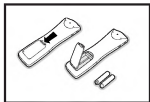
- For correct mains voltage, refer to type sticker at the rear of the TV set
- Consult your dealer if mains supply is different.

Note : This diagram is not representative of the actual plug and socket.



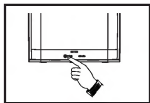
Antenna Connections

- Connect the aerial plug to the antenna socket **T** on the backcover.
- Insert the mains plug into a wall socket.



Use of Remote Control

- Insert correct type of batteries into the compartment.
- Ensure the batteries are placed in the right direction.



Switching on the set

- Press the mains power button to switch on/off the TV.
- If the set is on standby mode (indicator is red), press **STANDBY** button on the remote control to switch on set.

Кратко ръководство за включване

1 ИНСТАПАЦИЯ

1. Захранващ кабел
2. LAN кабел ^(*)
3. USB кабел ^(*)
4. HDMI кабел ^(*)
5. VGA кабел
6. S-Video кабел ^(*)
7. Composite видео кабел
8. Аудио кабел жак/жак ^(*)
9. Жак за аудио кабел/RCA ^(*)
10. VGA към компонентен/HDTV адаптер ^(*)
11. 3 RCA компонентен кабел ^(*)
12. RS232 кабел ^(*)
13. Жак за аудио кабела на дистанционното ^(*)
14. 12V DC кабел ^(*)
15. Мишка ^(*)
16. USB диск/Stick устройство ^(*)
USB WiFi адаптер (само за USB A2) ^(*)

Забележка:

- (*) Като опция
- Интерфейсът зависи от техническите данни на модела.
- USB кабелът изисква удължител ако дължината е над 5m.
- За някои смартфони е необходим конвертор (доставя се от производителя) за използване на функция MHL.

2 ИНТЕРФЕЙСНИ НАКРАЙНИЦИ

Свързване към компютър

1. Уверете се, че проекторът и компютърът са изключени.
2. Свържете единия край на VGA кабела към «VGA IN» входа на проектора; свържете другия край на кабела към VGA изхода на компютъра и затегнете внимателно винчетата.
3. Свържете единия край на захранващия кабел към AC входа на проектора, а другия - към електрическата мрежа.

Включване на проектора

1. Махнете капачката от обектива.
2. Включете първо проектора и след това компютъра.
3. Настройте позицията, фокуса и увеличението на картината.
4. Стартирайте вашата презентация.

Изключване на проектора

1. Натиснете бутона за изключване два пъти.
2. Не изключвайте или откачайте проектора най-малко една минута след включването му.

Karta Rychlého Startu

1 INSTALACE

1. Napájecí šňůra
2. Kabel LAN ^(*)
3. USB kabel ^(*)
4. Kabel HDMI ^(*)
5. VGA kabel
6. S-Video kabel ^(*)
7. Kombinovaný video kabel
8. Zvukový kabel s konektory jack/jack ^(*)
9. Zvukový kabel jack/RCA ^(*)
10. Adaptér VGA na komponentní video/HDTV ^(*)
11. 3x kabel komponentního videa/RCA ^(*)
12. Kabel RS232 ^(*)
13. Zvukový kabel s konektory jack pro dálkové kabelové ovládání ^(*)
14. Kabel stejnosměrného napájení 12 V ^(*)
15. Mys ^(*)
16. Disk/jednotka USB ^(*)
USB WiFi adaptér (pouze pro USB A2) ^(*)

Poznámka:

- (*) Volitelné
- Rozhraní konektorů závisí na specifikacích modelu.
- Pokud je kabel USB delší než 5 m, je zapotřebí napájený prodlužovač.
- Některé chytré telefony vyžadují pro aktivaci funkce MHL konvertor (dodáván výrobcem chytrého telefonu).

2 PŘÍPOJKA ZAŘÍZENÍ

Připojení k počítači

1. Zkontrolujte, zda je vypnut projektor a počítač.
2. Připojte jeden konec kabelu VGA ke konektoru „VGA IN“ v projektoru; druhý konec připojte ke konektoru VGA v počítači a utáhněte šroubky.
3. Připojte jeden konec napájecího kabelu do zásuvky střídavého napájení v projektoru; druhý konec připojte do elektrické zásuvky.

Zapnutí projektoru

1. Sejměte veko objektivu.
2. Nejprve zapnete projektor a potom počítač.
3. Upravte polohu, zaostření a velikost.
4. Spusťte prezentaci.

Vypnutí projektoru

1. Stisknete dvakrát vypnac.
2. Během jedné minuty od zapnutí projektor nevypínejte ani neodpojujte.



Warning! The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.



Note: The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.

- The system can be powered using a wide range of voltages; 100 to 120 or 220 to 240 V AC. The power cord included with the system meets the requirements for use in the country/region where the system was purchased. Power cords for use in other countries/regions must meet the requirements for that country/region. For more information on power cord requirements, contact an authorized reseller or service provider.

Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- the power cord or plug is damaged, cut or frayed
- liquid was spilled into the product
- the product was exposed to rain or water
- the product has been dropped or the case has been damaged
- the product exhibits a distinct change in performance, indicating a need for service
- the product does not operate normally after following the operating instructions



Note: Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

Guidelines for safe battery usage

This notebook uses a Lithium-ion battery. Do not use it in a humid, wet or corrosive environment. Do not put, store or leave your product in or near a heat source, in a high temperature location, in strong direct sunlight, in a microwave oven or in a pressurized container, and do not expose it to temperatures over 60°C (140°F). Failure to follow these guidelines may cause the battery to leak acid, become hot, explode or ignite and cause injury and/or damage. Do not

Safety of children

- Children are often not aware of the dangers involved when handling electrical equipment. Therefore provide the necessary supervision of children when operating the appliance and do not let children play with the dryer – there is a danger that children could become trapped inside the appliance.
- Packaging parts (e.g. films, styropore) can be dangerous for children. Danger of suffocation! Keep packaging parts out of reach of children.
- Make sure that children or small animals do not climb into the drum of the dryer. For this purpose keep the door of the dryer closed when the appliance is not in use.

Utilisation in accordance with the intended purpose

- Conversions or modifications of the dryer are forbidden for safety reasons.
- Use the dryer only to dry ordinary household laundry! The manufacturer accepts no liability for any damage resulting from incorrect operation or utilisation for an unintended purpose.
- Dry only laundry which has been washed in water. In particular, textiles which have been treated with inflammable cleaning agents and solvents (petrol-ether, alcohol, stain remover and similar materials) must not be dried in the dryer. Danger of fire! Explosion hazard!
- Laundry items containing sponge rubber or rubber-like materials must not be dried in the dryer. Danger of fire!
- Washing that is in poor condition (heavily worn) and items with loose fillings (cushions) that could break open must not be dried or aired. There is a risk of fire!
- Washing with rigid components (foot mats) will cover the air slots; the slots will also be covered if the drum is overfilled. Observe the maximum load of 5 kg. There is a risk of overheating which could cause a fire!
- Only dry washing that does not contain any explosive objects (fire lighters, spray cans). There is a risk of fire or an explosion!
- In the case of washer / dryer tower combinations, do not place any objects on the dryer during use as they could drop down.

3 Use your TV

Congratulations on your purchase, and welcome to Philips. To fully benefit from the support that Philips offers, register your TV at www.philips.com/welcome.

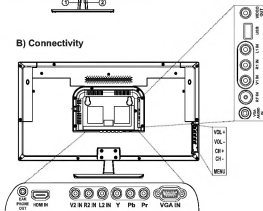
3.1 Name and Function of Control on Set (24PFL2159/V7)

A) TV controls and Indicators



- 1) IR SENSOR
- 2) LED INDICATOR

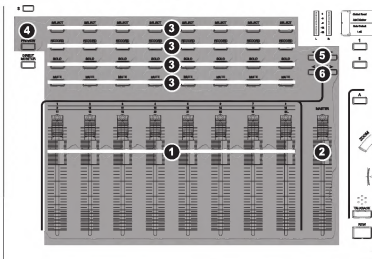
B) Connectivity



Note:

- 1) Above sketches are just for representation. Actual product may look different.
- 2) Connect YPbPr audio input to R2IN & L2IN input terminal of Av2

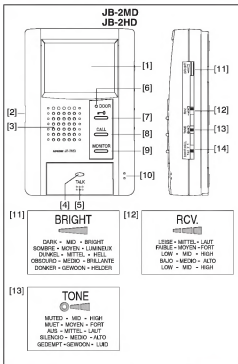
(B) DAW CONTROL: CHANNELS



1. **CHANNEL FADER** – Use this 100mm, touch-sensitive fader to adjust the volume levels of each channel. The exact level will be shown in the DISPLAY.
2. **MASTER FADER** – This fader controls the DAW's master fader. Note that different DAWs control this fader differently. Some DAWs, such as Pro Tools, do not make use of the fader at all.
3. **SELECT / RECORD / SOLO / MUTE** – These buttons control the corresponding functions in your DAW.
4. **PREVIEW** – Using this button to keep from becoming "lost" on the control surface. Press and hold PREVIEW and manipulate a control to see its operation and, if applicable, the DAW project's corresponding track name on the LCD display. As long as PREVIEW is held down, communication with the DAW will be suspended for most controls.
5. **< BANK >** – Use these buttons to move through your DAW project's channels in banks of eight. The first and last fader assignments for the selected bank will be shown in the DISPLAY.
6. **< TRACK >** – Use these buttons to move through your DAW project's channels one at a time.

4

NAMES NOMS BEZEICHNUNGEN NOMBRES BENAMINGEN



NAMES English

- [1] LCD (3-1/2" color)
- [2] POWER Switch
- [3] Open voice speaker for chime & internal call-in voice
- [4] Transmit LED
- [5] TALK Button
- [6] Door call-in LED
- [7] DOOR RELEASE button
- [8] ROOM CALL button
- [9] MONITOR button
- [10] Mic.
- [11] Screen brightness control
- [12] Receive volume control
- [13] Chime TONE volume control
- [14] Door call-in selector switch

NOMS Français

- [1] Ecran LCD (3-1/2" couleur)
- [2] Interrupteur M/A
- [3] Haut-parleur pour le carillon et les appels internes
- [4] Diode électroluminescente de transmission
- [5] Bouton PAROLE
- [6] Témoin DEL d'appel
- [7] Bouton gâche électrique
- [8] Bouton d'appel du ou des postes intérieurs
- [9] Bouton moniteur
- [10] Micro.
- [11] Commande de luminosité de l'écran
- [12] Contrôle du volume de réception
- [13] Réglage du volume de tonalité d'appel
- [14] Sélecteur d'appel de portier

BEZEICHNUNGEN Deutsch

- [1] LCD 3,5 Zoll (Farbe)
- [2] Netzschalter
- [3] Lautsprecher für Türuf, internen Ruf und interne Durchsage
- [4] Übertragungs-LED
- [5] SPRECH-Taste
- [6] Türuf-LED
- [7] TÜROFFNER-Taste
- [8] Interne Ruftaste
- [9] MONITOR-Taste
- [10] Mikrofon
- [11] Einstellung Helligkeit
- [12] Einstellung Empfangslautstärke
- [13] Gongton-Lautstärkeregler
- [14] Schalter für Wahl der Türstelle

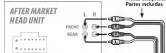
NOMBRES Español

- [1] LCD (3-1/2" color)
- [2] Interruptor de alimentación
- [3] Parlante en altavoz para tono de carillón y voz de llamada interna
- [4] Indicador LED de transmisión
- [5] Botón HABLA
- [6] Indicador LED de llamada PORTERO
- [7] Botón de ABREPUERTAS
- [8] Botón de LLAMADA HABITACION
- [9] Botón MONITOR
- [10] Micrófono
- [11] Control de brillo de pantalla
- [12] Control del volumen de recepción
- [13] Control de volumen del TONO de carillón
- [14] Selector de llamada entrante PORTERO

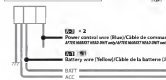
BENAMINGEN Nederlands

- [1] LCD (3-1/2" kleur)
- [2] STROOMSchakelaar
- [3] Luidspreker voor beltoon & interne oproefunctie
- [4] LED-indicatie, communicatie
- [5] SPREEK-knop
- [6] LED-indicatie oproep buitenpost
- [7] Deurontgrendelingsknop
- [8] Interne-oproep-toets
- [9] MONITORknop
- [10] Microfoon
- [11] Schermhelderheidsregelaar
- [12] Volumeregeling spraak
- [13] TONE-beltoonvolumeregeling
- [14] Selectieknop voor ontvangst oproepen van buitenpost 1, 2 of 1&2:

Type A: RCA INPUT connection
Type A: Raccordement RCA INPUT
Tipo A: Conexión RCA INPUT



Type B: SPEAKER INPUT connection
Type B: Raccordement SPEAKER INPUT
Tipo B: Conexión SPEAKER INPUT



+ 2

The output from the FACTORY INSTALLED HEAD UNIT up to 50W can be input. The power is turned on and off as the unit detects signal (SIGNAL SENSING TURN-ON). Therefore, it is not necessary to connect the power control wire. La potencia de salida máxima de la FACTORY INSTALLED HEAD UNIT no debe superar 50W. La alimentación se enciende y apaga cuando la unidad detecta una señal de entrada (SIGNAL SENSING TURN-ON). Por lo tanto no es necesario conectar el cable de control de alimentación.

Fuse (16A)

NOTE

If you can't find the specified capacity fuse at your store etc., consult your Kenwood dealer.

Fusible (16 A)

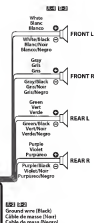
REMARQUE

Si vous ne trouvez pas de fusible de capacité adéquate dans le commerce, etc., contactez votre agent Kenwood.

Fusible (16 A)

NOTA

Si no puede encontrar el fusible de la capacidad especificada en su almacén etc., consulte su distribuidor Kenwood.



TAPE PLAYBACK

Press the following buttons to operate tape transport.

To do this	Press this button
Eject the cassette	
Change the playback side Stop fast-forwarding or rewinding and resume playback	
Fast-forward either side of the tape	
Rewind either side of the tape	
Stop the tape and turn the unit off (for more than 2 seconds)	

- At the end of the tape in Fast Forward mode, the other side of the cassette will start playing automatically.
- At the end of the tape in Rewind mode, the same side will start playing automatically.

Direction indications

FLD	Displayed when the upper side of the cassette is being played.
REU	Displayed when the lower side of the cassette is being played.

Tape transport display

When you start tape playback, the transport display indicates the tape movement.

Upper side: During playback, fast-forwarding	
Lower side: During playback, fast-forwarding	
Upper side: During playback, fast-forwarding	
Lower side: During playback, fast-forwarding	

During fast-forwarding or rewinding, the transport display accelerates.

Before turning the ignition off

Be sure to eject any cassette from the unit before turning the ignition off.

Switching modes

When the unit is in Radio or CD Changer Play mode, inserting a cassette switches the unit to Tape Play mode automatically.

To prevent tape problems

Before inserting a cassette into the unit, make sure that there is no slack in the tape. If necessary, take up the slack by inserting a pencil into the spindle hole and winding.

Tapes of 90 minutes or longer are extremely thin and easily deformed or damaged. They are not recommended.



To play tapes recorded with Dolby B NR

Press  (the Dolby NR button) when playing a tape recorded in this mode. The "DOLBY B" indicator lights up.

Press this button again to cancel this mode.

Note

If a tape recorded without Dolby B NR is played back in Dolby B NR mode, the sound will not be reproduced properly.

To play metal tapes

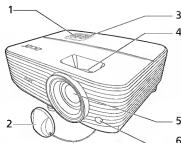
Press MTL (metal) when playing a metal or CrO₂ tape. The "MTL" indicator lights up.

Press this button again to cancel this mode.

Projector Overview

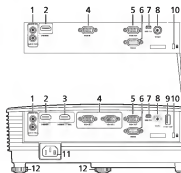
Projector Outlook

Front/upper side



#	Description	#	Description
1	Control panel	4	Zoom ring and Focus ring
2	Lens cap	5	Projection lens
3	Power key and Power indicator LED	6	Remote control receiver

Rear side



X1123H/D800D/EV-580H/V50S/
A5540/DX120/B5-020/K5330/
X1223H/D810D/EV-X80H/V50X/
AX540/DX220/B5-120/KX330/
X1323WH/D820D/EV-W80H/
V50W/AW540/DX420/B5-320/
KW330

P1150/M306/PE-545/F255/A5329/
PR120/MF-020/M5130/P1250/
M316/PE-X45/F25X/AX329/PR220/
MF-120/MX130/P1350W/M3265/
PE-W455/F25W5/AW3295/PR320/
MF-220/MW130/P1350WL/M326/
PE-W45/F25W/AW329/PR320T/
MF-220T/MW130L

#	Description	#	Description
1	Audio input connector	7	Mini USB connector
2	Audio output connector	8	Composite video input connector
3	HDMI connector	9	DC 5V output
4	HDMI (MHL) connector	10	Kensington™ lock port
5	Analog RGB signal/HDTV/ component video input connector		

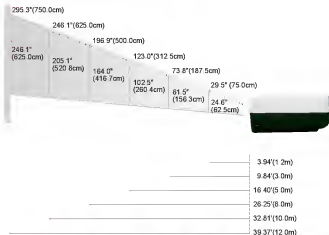
Installation

Adjusting the Projector Zoom / Focus

You may turn the zoom ring to zoom in or out. To focus the image, rotate the focus ring until the image is clear. The projector will focus at distances from 3.9 to 39.4 feet (1.2 to 12.0 meters).



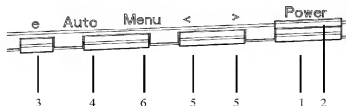
Adjusting Projection Image Size



Screen Size (Diagonal)	Max.	21.9" (55.6cm)	73.8" (187.5cm)	123.0" (312.5cm)	164.0" (416.7cm)	246.1" (625.0cm)	295.3" (750.0cm)
	Min.	24.6" (62.5cm)	61.8" (156.3cm)	102.5" (260.4cm)	164.0" (416.7cm)	205.1" (520.8cm)	246.1" (625.0cm)
Screen Size	Max. (WxH)	23.1" x 17.7" (58.8 x 44.9)	69.8" x 44.2" (177.3 x 112.3)	109.0" x 79.8" (277.0 x 202.7)	167.5" x 113.1" (425.5 x 287.3)	208.1" x 147.0" (529.5 x 373.4)	251.1" x 177.1" (639.9 x 450.0)
	Min. (WxH)	19.8" x 14.7" (50.0 x 37.3)	48.3" x 36.0" (122.6 x 91.4)	80.3" x 61.5" (204.1 x 156.2)	121.2" x 90.4" (308.4 x 230.0)	164.0" x 123.0" (416.6 x 312.5)	196.8" x 147.6" (500.0 x 375.0)
Distance		3.94' (1.2m)	9.84' (3.0m)	16.40' (5.0m)	26.25' (8.0m)	32.81' (10.0m)	39.37' (12.0m)

◆ This graph is for user's reference only.

USER CONTROLS



Front Panel Controls

1 Power Switch

To turn ON or OFF the power

2 Power LED

Lights up to indicate the power is turned ON.

3 Empowering / Exit

1) When OSD menu is in active status, this button will act as EXIT-KEY (EXIT OSD menu).

2) When OSD menu is in off status, press this button to select scenario mode.

4 Auto Adjust button / Exit

1) When OSD menu is in active status, this button will act as EXIT-KEY (EXIT OSD menu).

2) When OSD menu is in off status, press this button for 2 seconds to activate the Auto Adjustment function. The Auto Adjustment function is used to set the HPos, VPos, Clock and Focus.

5 < / >

Press < or > to select the desired function. Press < or > to change the settings of the current function.

6 MENU / ENTER

Activate OSD menu when OSD is OFF or activate/de-activate adjustment function when OSD is ON.

Using the radio

Choosing radio mode

- 1 Press the **AV** key on the remote control to display the **Source List**.
- 2 Use the cursor **▲/▼** key to select **FM Radio** and then press the cursor **>** key to switch the TV to radio mode.
To return to TV mode, press the **AV** key, select TV and validate with **>** key.
In radio mode the number and name of the station (if available), its frequency and the sound mode are indicated on the screen.

Selecting programmes

Use the **0/9** or **P +/-** keys to select the FM stations (from 1 to 40).

List of radio stations

Press the **☐** key to display / hide the list of radio stations. Then use the cursor to select a station.

Using the radio menus

Use the **MENU** key to access the specific radio settings.

Searching radio stations

If you have used the quick installation all the available FM stations will be stored. To start a new search use the **Install** menu : **Auto Store** (for a complete search) or **Manual Store** (for a station by station search). These menus work in exactly the same way as the TV menus.

Screen saver

In the **Features** menu you can activate / close the screen saver. The time, the frequency of the station and its name (if available) move across the screen.

Using in PC monitor mode

NOTE

- When using the LCD TV as a PC monitor, slight diagonal interference lines may be observed when it is operated under electromagnetic interference environment but will not affect the performance of this product.
- For better performance, good quality DVI cable with good noise isolation filter is recommended.

PC Mode

Your TV can be used as a computer monitor.
You must first of all connect the computer and adjust the resolution (see p.13).

Choosing PC mode

- 1 Press the **AV** key on the remote control to display the **Source List**.
- 2 Use the cursor **▲/▼** key to select **PC** and then press the cursor **>** key to switch the TV to PC mode (**DVI-I In**).
To return to TV mode, press the **AV** key, select TV and validate with **>** key.

Using the PC menus

Press the **MENU** key to access the specific settings of the PC monitor mode. Use the cursor to adjust them (the settings are automatically saved):

• Picture:

- **Brightness / Contrast** : to adjust the brightness and contrast.
- **Horizontal / Vertical** : to adjust the horizontal and vertical placing of the image.
- **Colour Temp** : to adjust the colours (cold, normal or warm).

• Audio Selection: to choose the sound reproduced on the TV (PC/HD-TV or Radio).

- **Features** (only available on certain versions):
 - **Phase/Clock**: eliminates the horizontal (**Phase**) and vertical (**Clock**) interfering lines.
 - **Format** : to choose between full screen or native format of the PC screens.
 - **Auto Adjust**: position is set automatically.
- **Reset To Factory Setting**: to return to the factory settings (default settings).

Appendix A

Warranty

WARRANTY AND CUSTOMER SERVICE

ADTRAN will replace or repair this product within the warranty period if it does not meet its published specifications or fails while in service. Warranty information can be found at www.adtran.com/warranty.

Refer to the following subsections for sales, support, Customer and Product Service (CAPS) requests, or further information.

ADTRAN Sales

Pricing/Availability:

800-827-0807

ADTRAN Technical Support

Pre-Sales Applications/Post-Sales Technical Assistance:

800-726-8663

Standard hours: Monday - Friday, 7 a.m. - 7 p.m. CST

Emergency hours: 7 days/week, 24 hours/day

ADTRAN Repair/CAPS

Return for Repair/Upgrade:

(256) 963-8722

Repair and Return Address

Contact CAPS prior to returning equipment to ADTRAN.

ADTRAN, Inc.

CAPS Department

901 Explorer Boulevard

Huntsville, Alabama 35806-2807



SORTING OF CHANNELS

This feature rearranges channel numbers.

Step

Press button

Result on screen

1



Enter main menu.

2



Press button repeatedly until **Install** is selected.

3



Enter install menu.

4



Press button repeatedly until **Sort** is selected.

5



Enter sort mode.

6



Select the channel number you want to change from (e.g. 002).

or



7



Confirm selection.

8



Select the channel number you want to change to (e.g. 005).

9

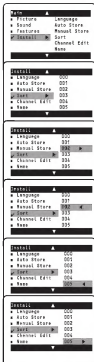


Confirm selection.
The change is done.
Note : Channel numbers 5, 4 and 3 will move upwards accordingly, that is, Channel 5 will move up to Channel 4, Channel 4 to 3 and Channel 3 to 2.

10



Exit menu from screen.



Conversion Table A: channel to frequency (in MHz) for off-air channels.

The frequencies used by a cable company may differ from the frequencies in the table.
Consult your cable company or your dealer for detailed information.

Channel	MHz	Channel	MHz	Channel	MHz	Channel	MHz
2	55.25	14	475.25	38	631.25	64	771.25
3	61.25	15	477.25	40	637.25	65	777.25
4	67.25	16	483.25	41	639.25	66	783.25
5	73.25	17	489.25	42	645.25	67	789.25
6	79.25	18	495.25	43	647.25	68	795.25
7	175.25	19	501.25	44	653.25	69	801.25
8	181.25	20	507.25	45	659.25		
9	187.25	21	513.25	46	665.25		
10	193.25	22	519.25	47	671.25		
11	199.25	23	525.25	48	677.25		
12	205.25	24	531.25	49	683.25		
13	211.25	25	537.25	50	689.25		
		26	543.25	51	695.25		
		27	549.25	52	701.25		
		28	555.25	53	707.25		
		29	561.25	54	713.25		
		30	567.25	55	719.25		
		31	573.25	56	725.25		
		32	579.25	57	731.25		
		33	585.25	58	737.25		
		34	591.25	59	743.25		
		35	597.25	60	749.25		
		36	603.25	61	755.25		
		37	609.25	62	761.25		
		38	615.25	63	767.25		

Conversion Table B: Channel to frequency (in MHz) for cable TV channels.

The frequencies used by a cable company may differ from the frequencies in the table.
Consult your cable company or your dealer for detailed information.

Channel	MHz	Channel	MHz	Channel	MHz	Channel	MHz
C1	73.25	C33	377.25	C64	463.25	C95	513.25
C2	55.25	C34	383.25	C65	469.25	C96	519.25
C3	61.25	C35	389.25	C66	475.25	C97	525.25
C4	67.25	C36	395.25	C67	481.25	C98	531.25
C5	73.25	C37	401.25	C68	487.25	C99	537.25
C6	79.25	C38	407.25	C69	493.25	C100	543.25
C7	175.25	C39	413.25	C70	499.25	C101	549.25
C8	181.25	C40	419.25	C71	505.25	C102	555.25
C9	187.25	C41	425.25	C72	511.25	C103	561.25
C10	193.25	C42	431.25	C73	517.25	C104	567.25
C11	199.25	C43	437.25	C74	523.25	C105	573.25
C12	205.25	C44	443.25	C75	529.25	C106	579.25
C13	211.25	C45	449.25	C76	535.25	C107	585.25
C14	121.25	C46	455.25	C77	541.25	C108	591.25
C15	127.25	C47	461.25	C78	547.25	C109	597.25
C16	133.25	C48	467.25	C79	553.25	C110	603.25
C17	139.25	C49	473.25	C80	559.25	C111	609.25
C18	145.25	C50	479.25	C81	565.25	C112	615.25
C19	151.25	C51	485.25	C82	571.25	C113	621.25
C20	157.25	C52	491.25	C83	577.25	C114	627.25
C21	163.25	C53	497.25	C84	583.25	C115	633.25
C22	169.25	C54	503.25	C85	589.25	C116	639.25
C23	175.25	C55	509.25	C86	595.25	C117	645.25
C24	223.25	C56	515.25	C87	601.25	C118	651.25
C25	229.25	C57	521.25	C88	607.25	C119	657.25
C26	235.25	C58	527.25	C89	613.25	C120	663.25
C27	241.25	C59	533.25	C90	619.25	C121	669.25
C28	247.25	C60	539.25	C91	625.25	C122	675.25
C29	253.25	C61	545.25	C92	631.25	C123	681.25
C30	259.25	C62	551.25	C93	637.25	C124	687.25
C31	265.25	C63	557.25	C94	643.25	C125	693.25